WHAT IS CLAIMED IS:

1. A turning device for a bag comprising:

an inverting cone including an inlet separated from an outlet by a length, wherein the cross-sectional area of the inverting cone increases from the inlet to the outlet along the length of the inverting cone

an expansion box including an expansion chamber separated from a manifold chamber by a baffle plate, wherein the baffle plate includes concentric circles of apertures communicating between the expansion chamber and the manifold chamber, and the outlet of the inverting cone being open to the expansion chamber opposite to the center of the concentric circles of apertures in the baffle plate.

2. The turning device according to Claim 1, wherein the apertures in the baffle plate of the expansion box are positioned in concentric circles of apertures.

3. The turning device according to Claim 2, wherein the concentric circle of apertures are centered below the outlet of the inverting cone.

4. The turning device according to Claim 3, wherein the aperture area of each concentric circle of apertures is larger than the aperture area of the adjacent inner concentric circle of apertures.

5. The turning device according to Claim 1, wherein the expansion box further includes a door for access to the expansion chamber.

6. The turning device according to Claim 5, further including ejection jets position for directing air downward towards the baffle plate and towards the door.

7. The turning device according to Claim 6, wherein the ejection jets direct pulses of air.